

FIG. 1

14

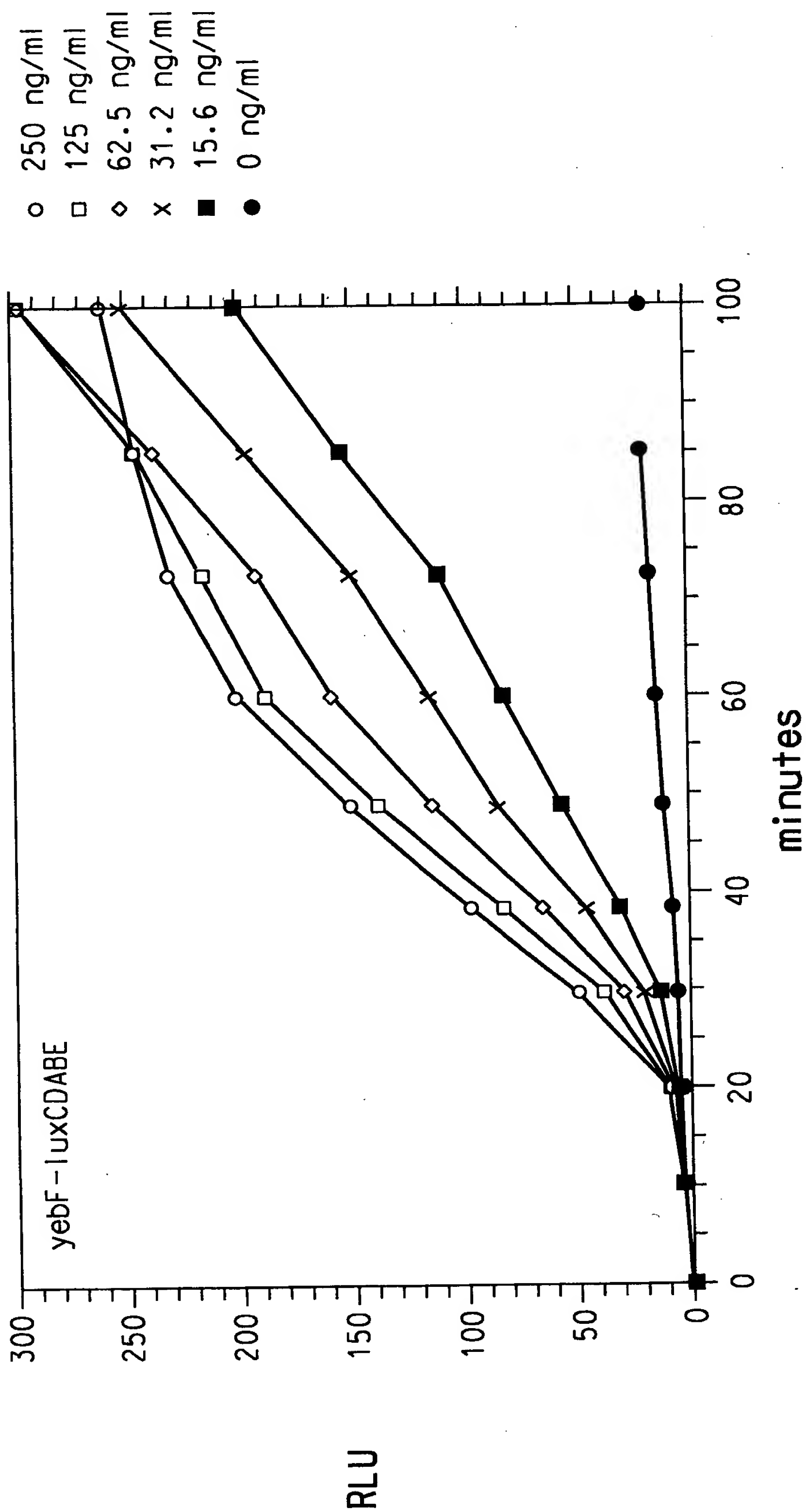


FIG. 2

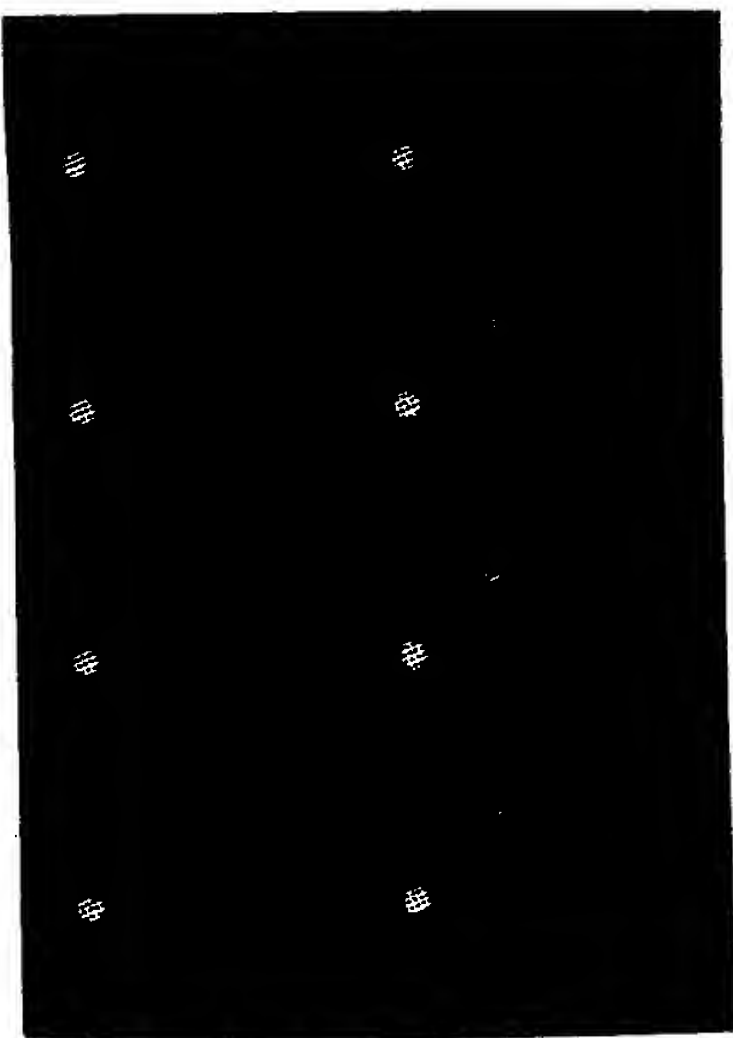


FIG. 3B

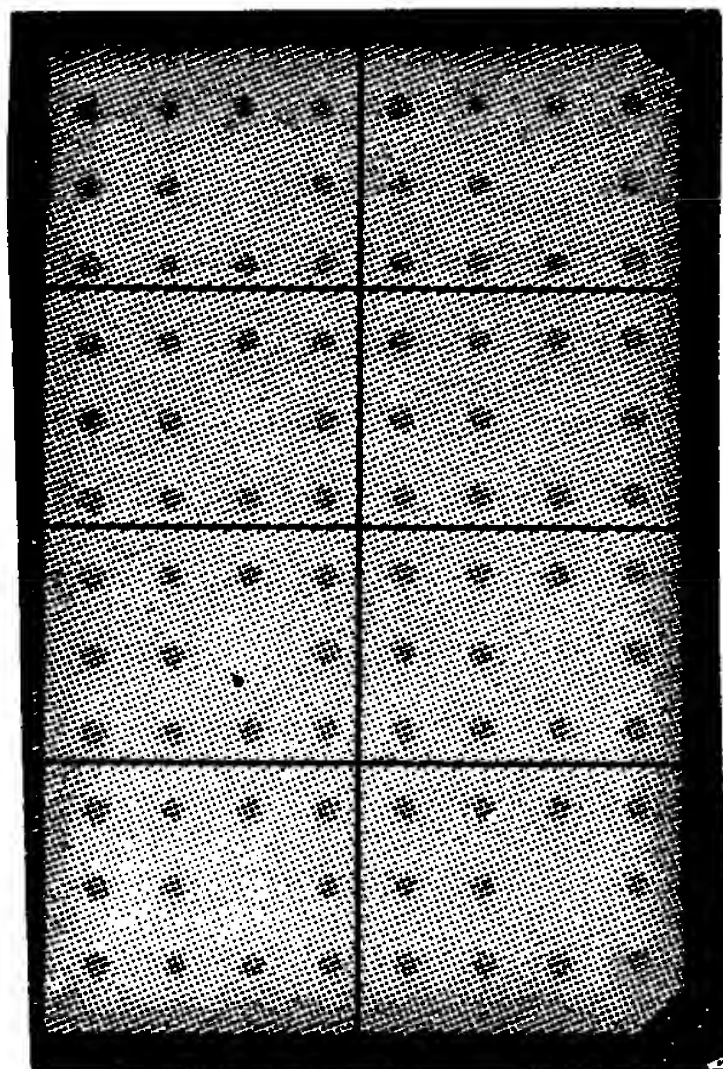


FIG. 3A

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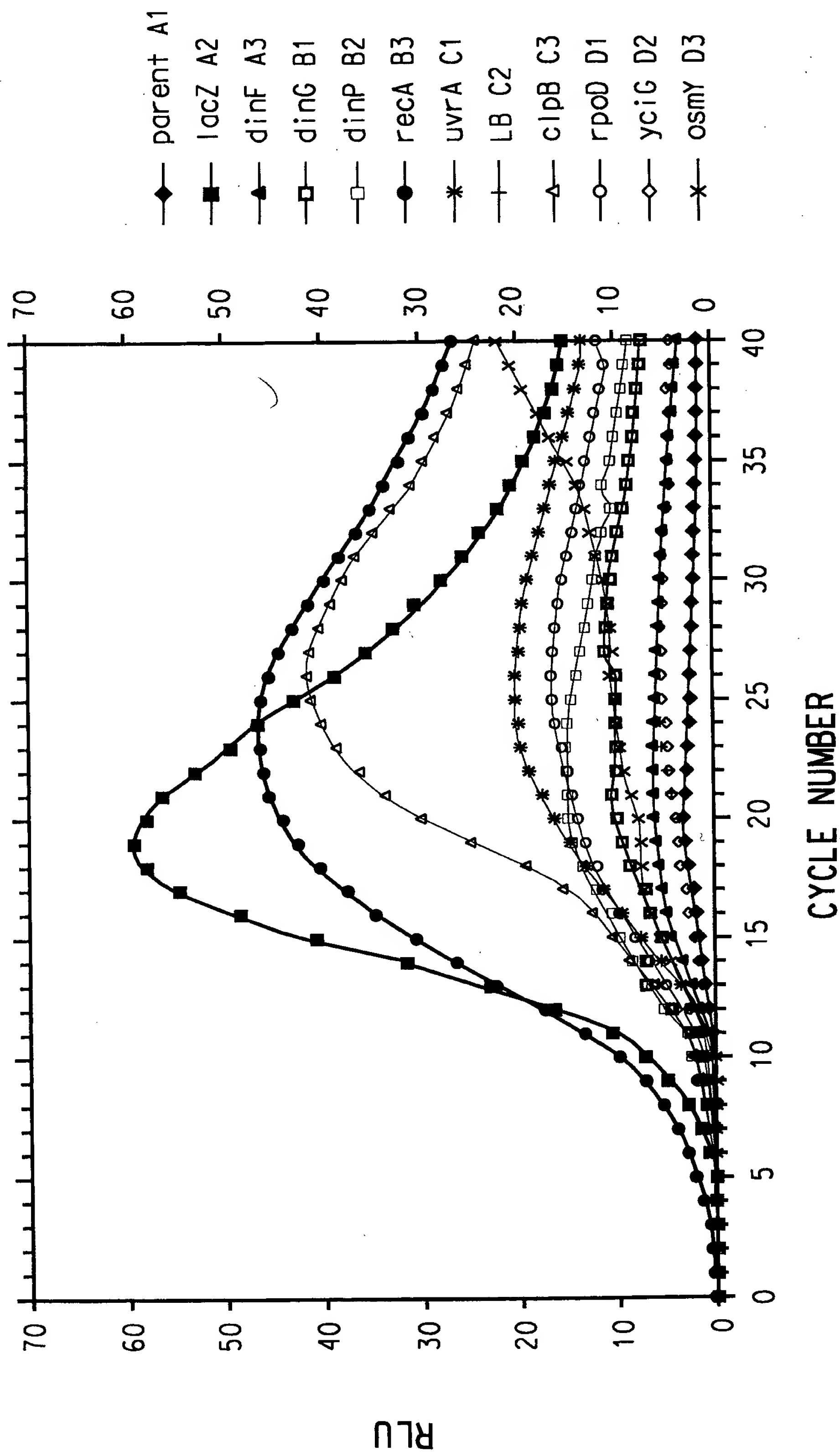
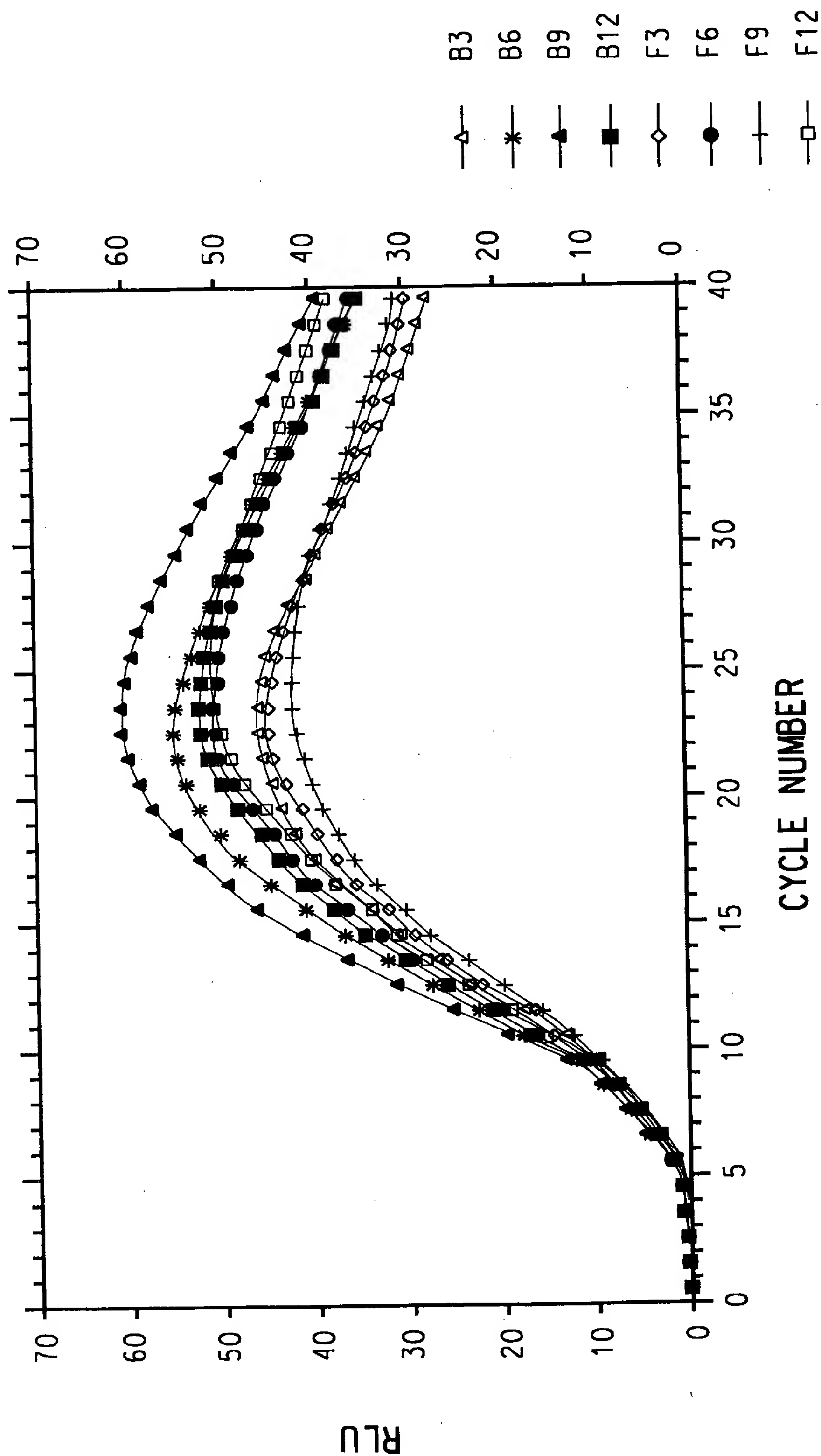


FIG. 3B



CYCLE NUMBER

FIG. 3C

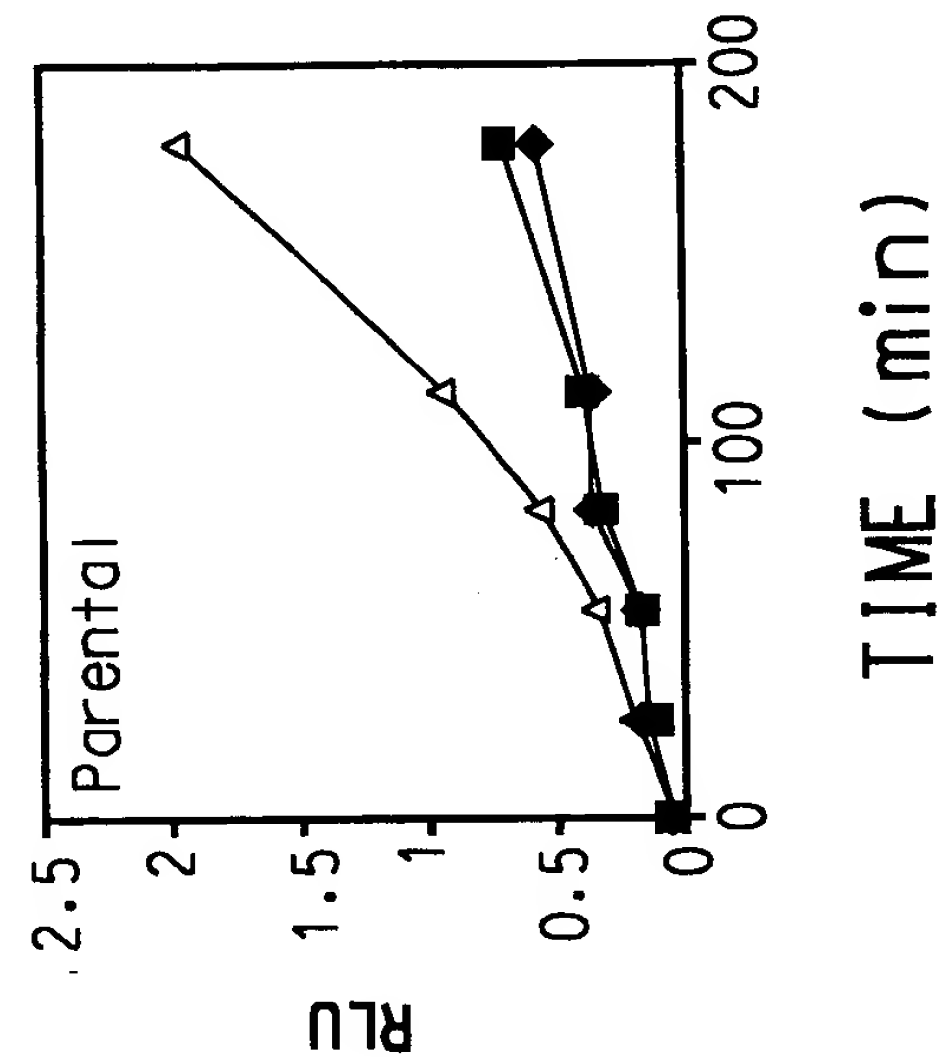


FIG. 4A

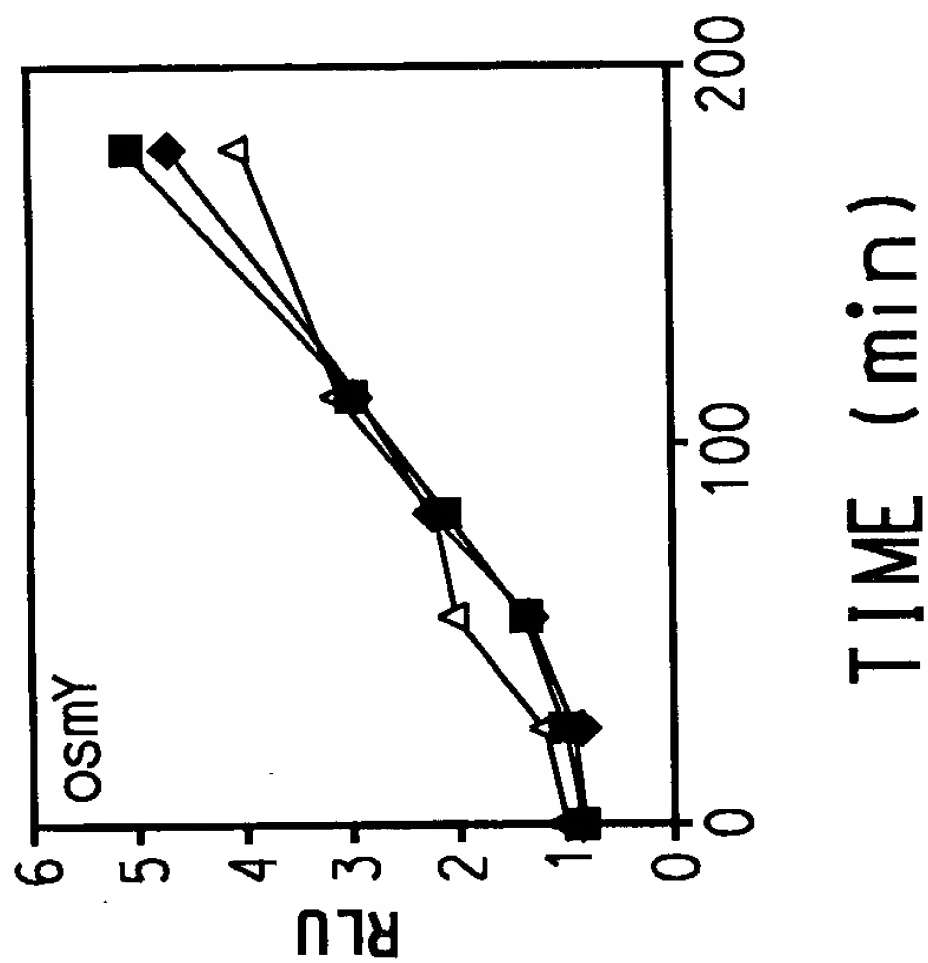


FIG. 4B

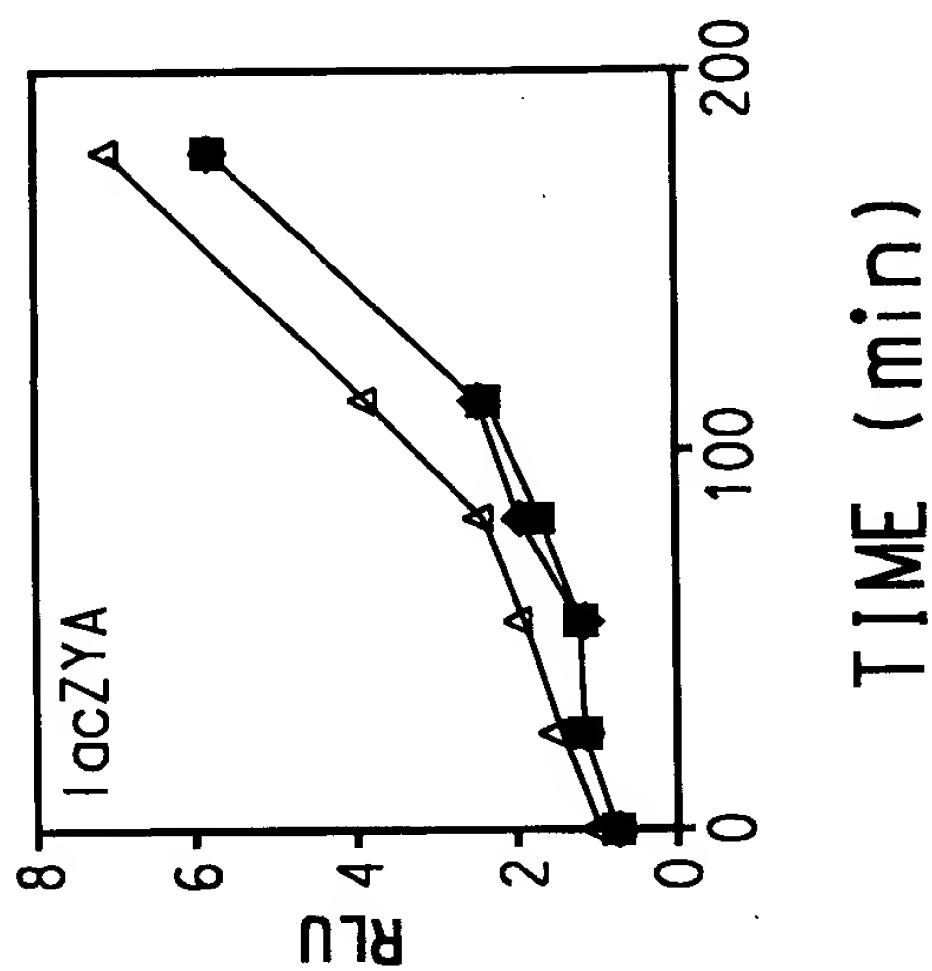
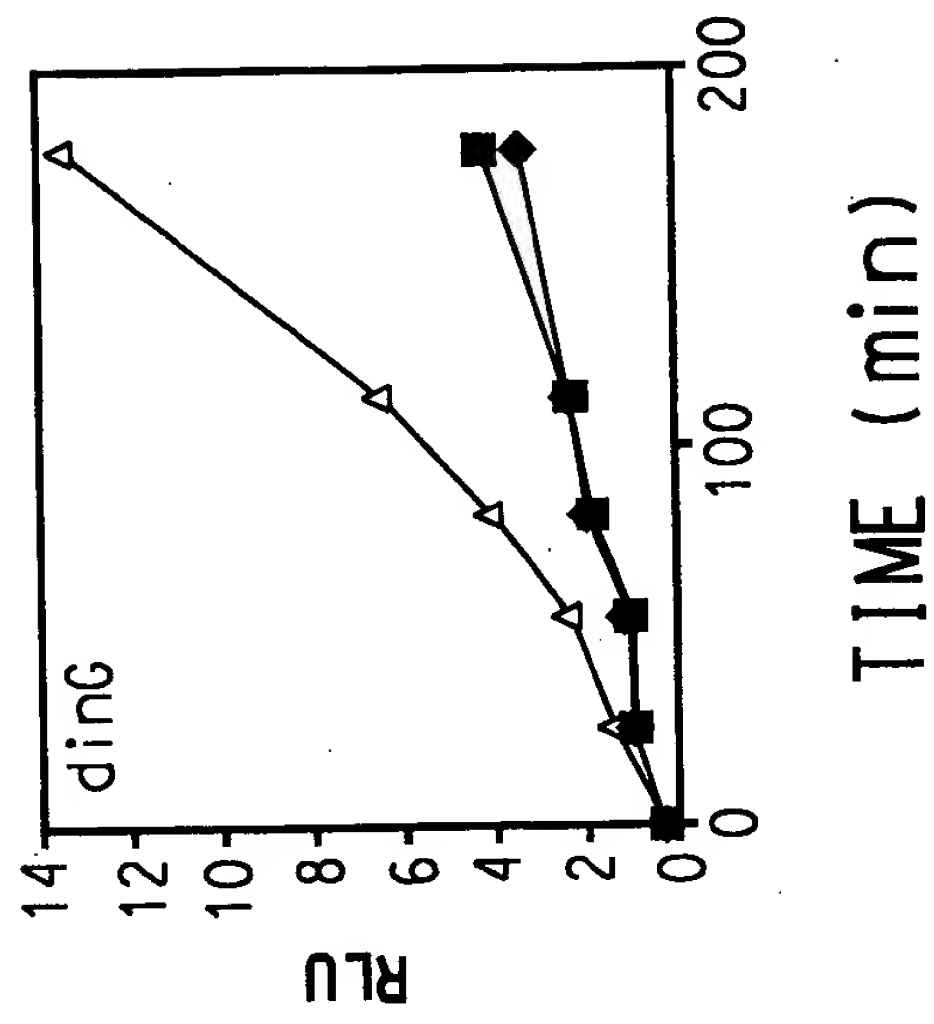
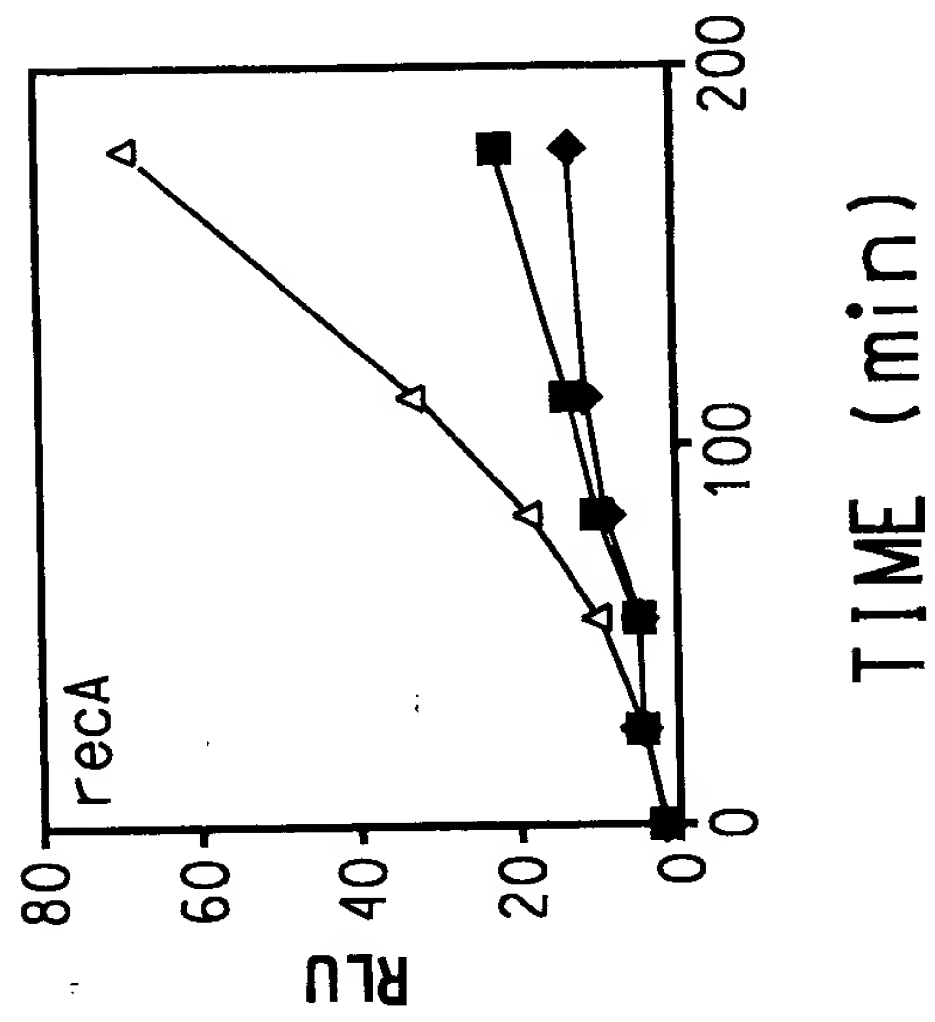
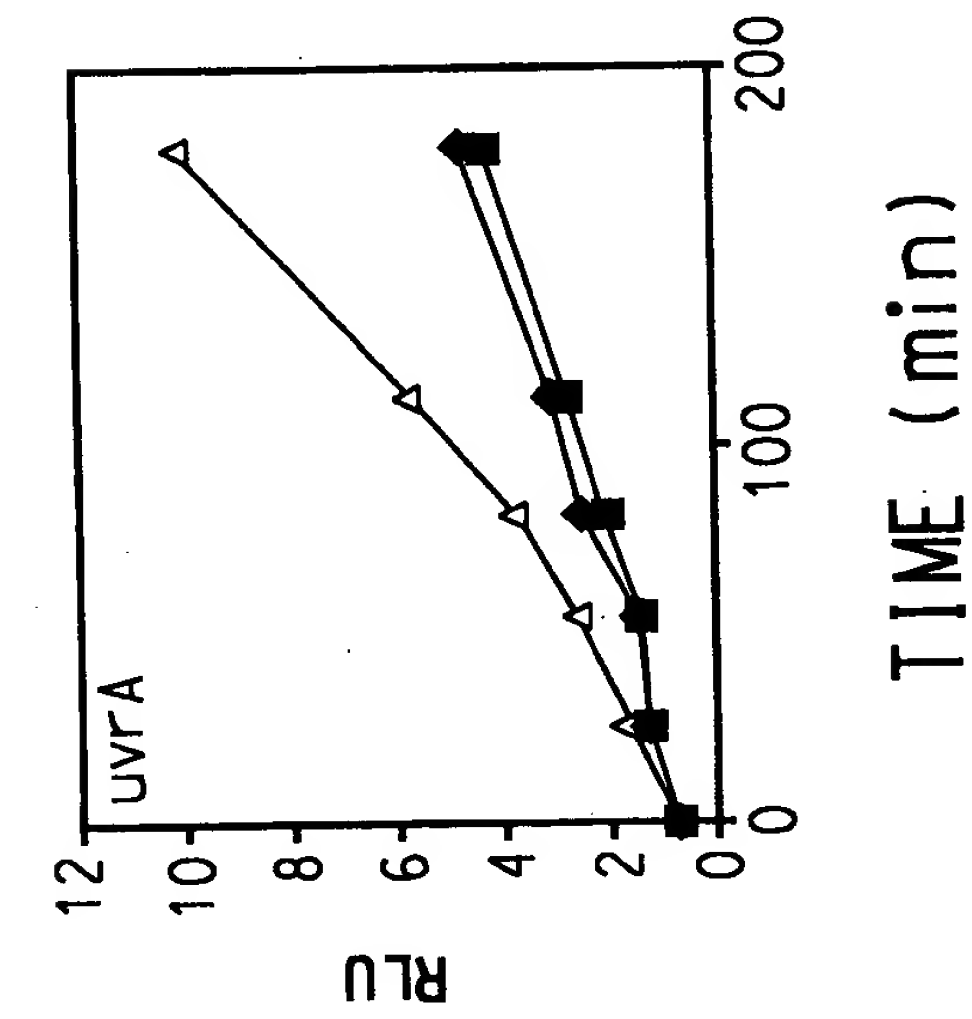


FIG. 4C



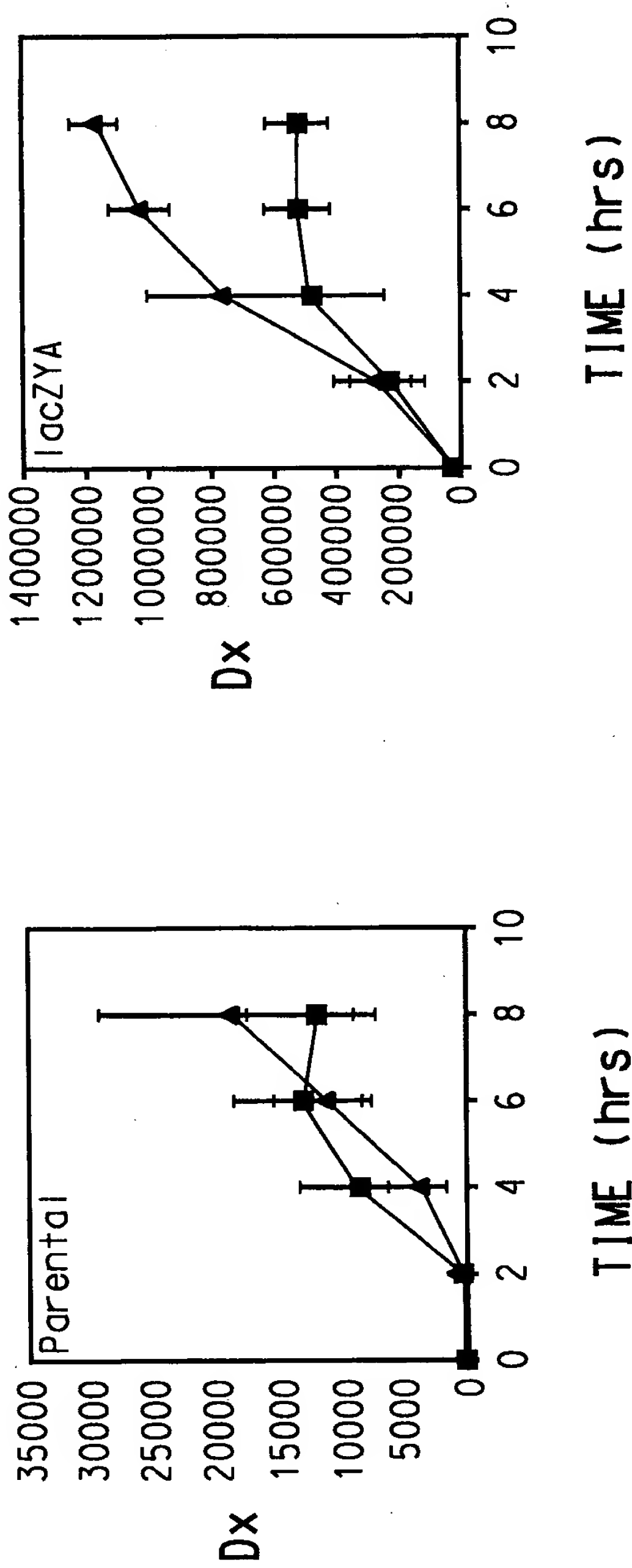


FIG. 5A

FIG. 5B



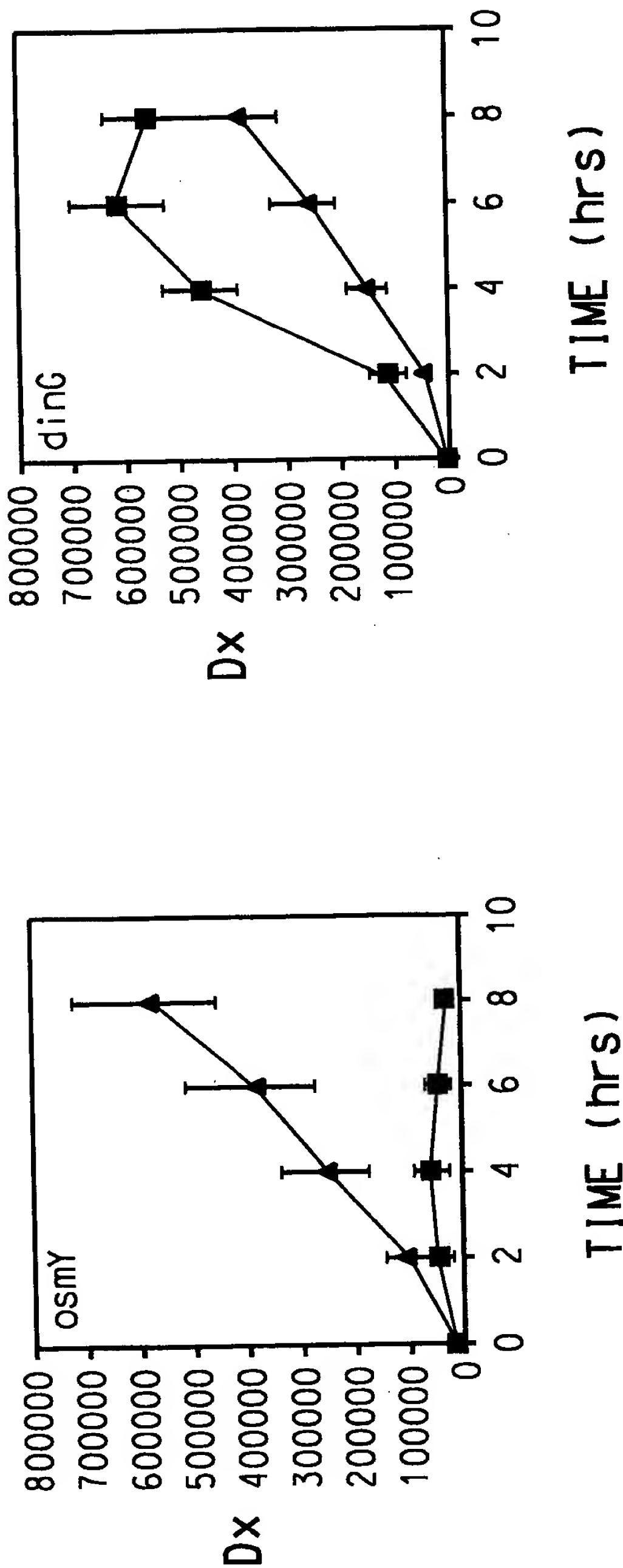


FIG. 5C

FIG. 5D

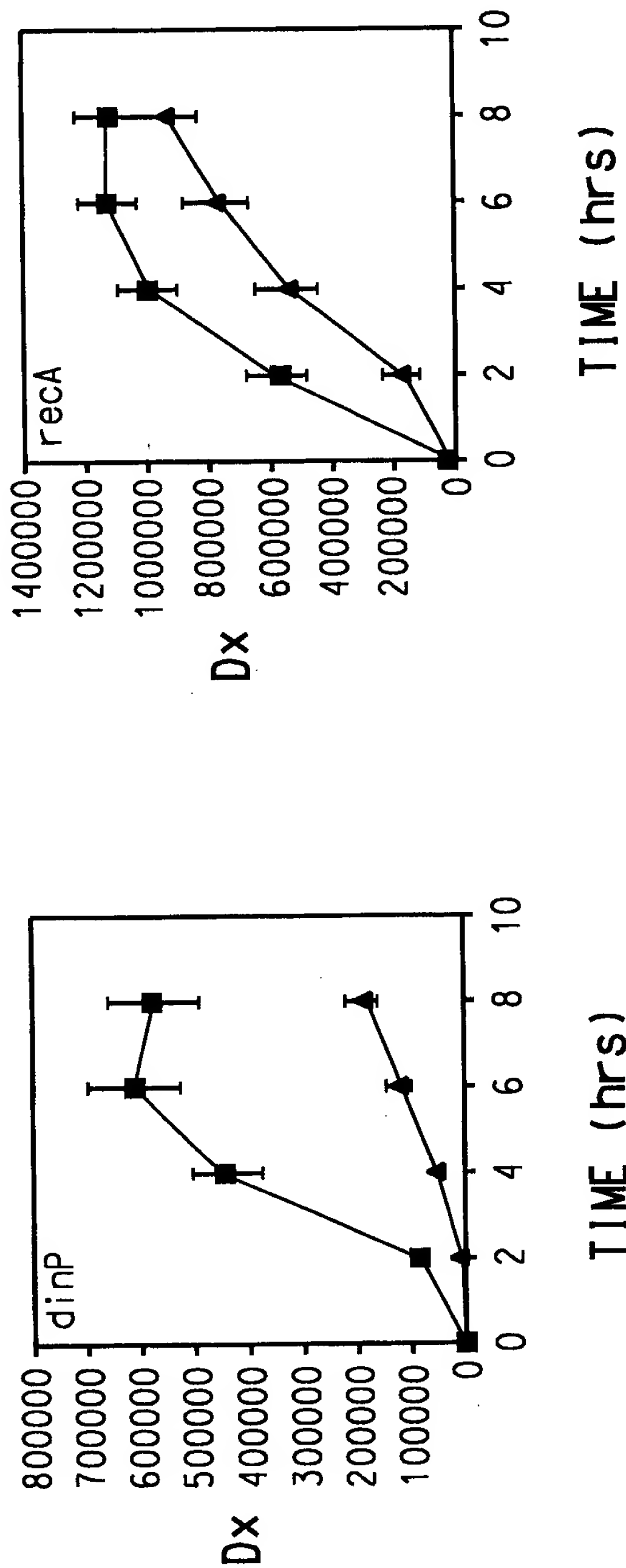
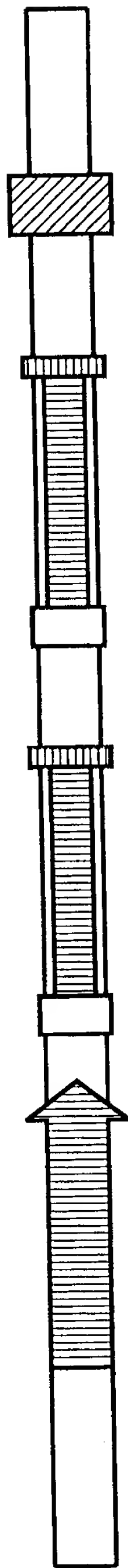


FIG. 5E

FIG. 5F

# GENOME OPERONIC STRUCTURE



## POTENTIAL REPORTER CONSTRUCTS:

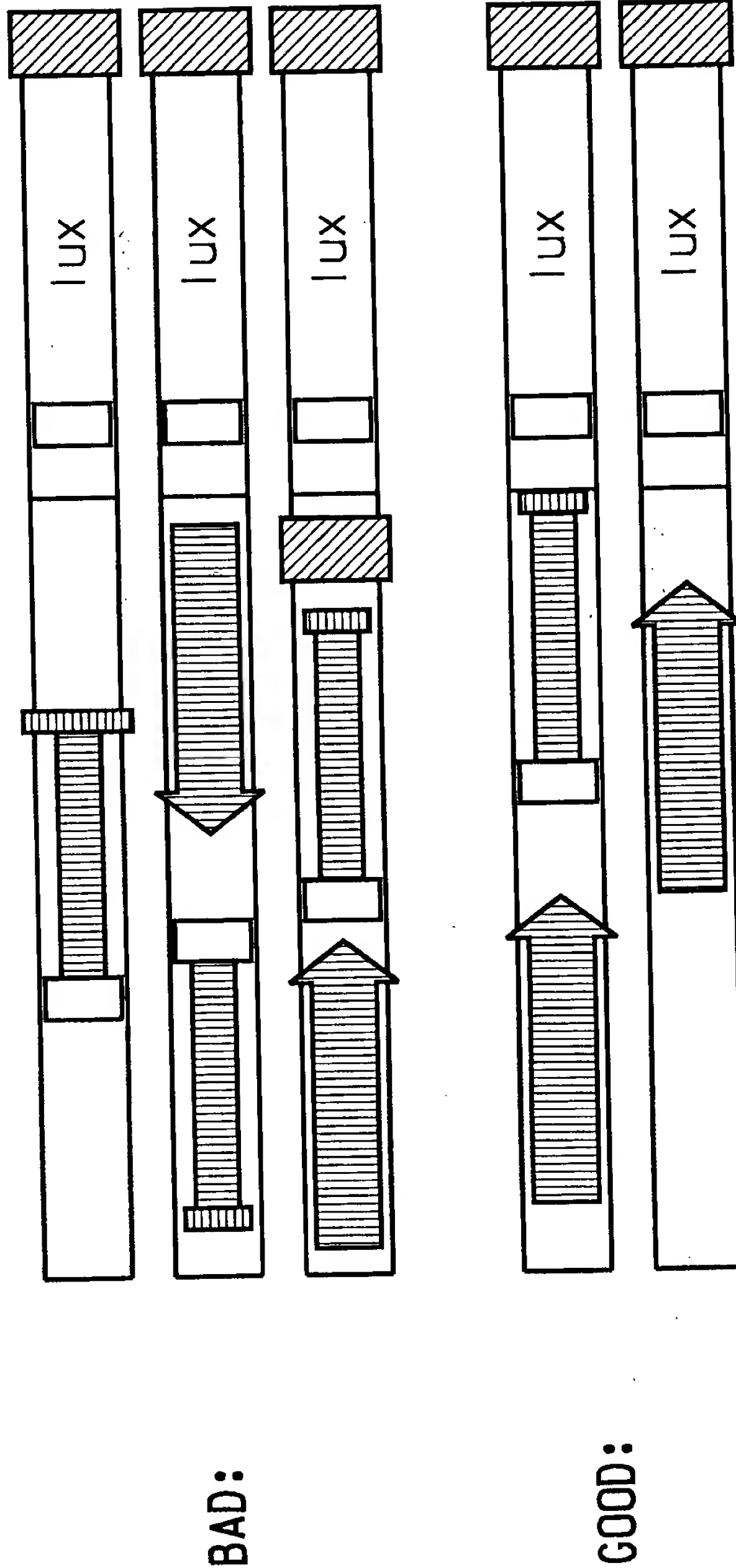


FIG. 6

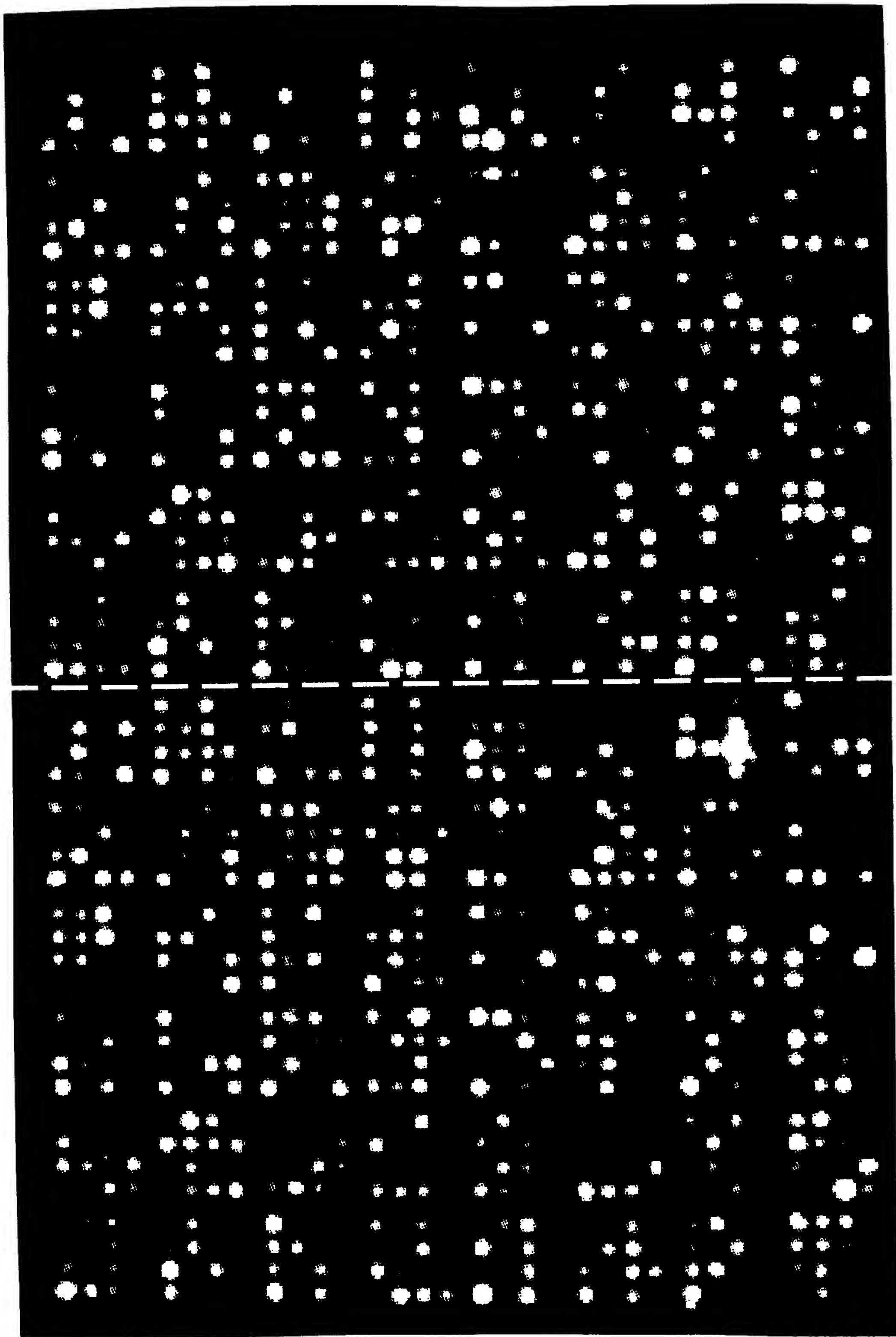


FIG. 7

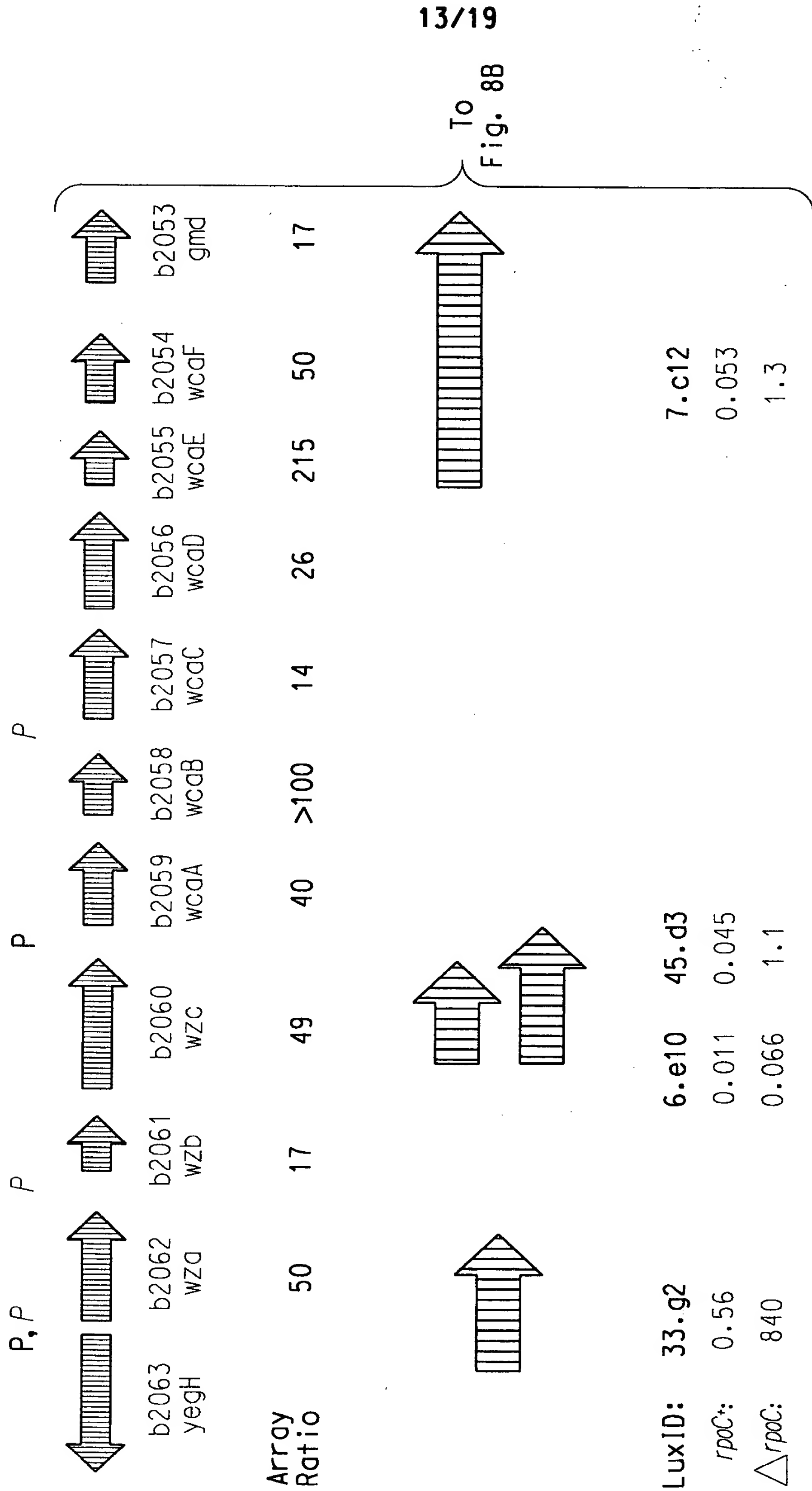
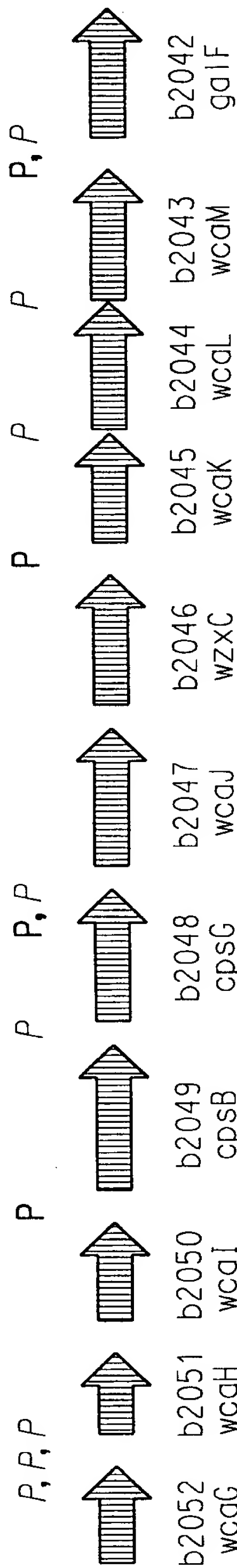


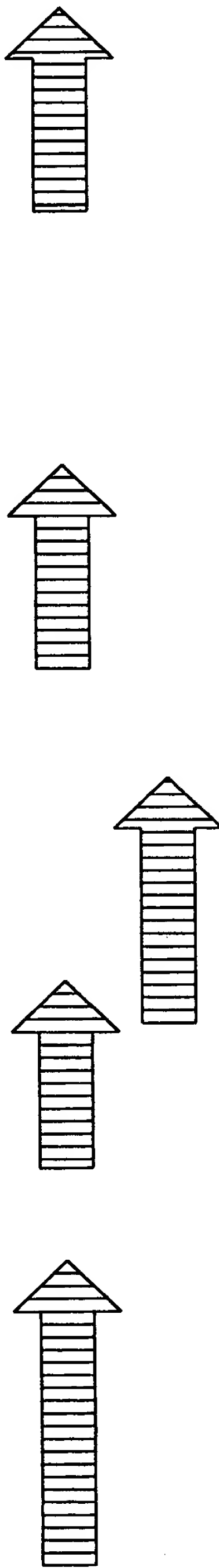
FIG. 8A



Array 14  
Ratio

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From  
Fig.  
8A



LuxID:	50.c4	50.c2	34.a11	33.e12	7.d12
rpoC:	0.13	0.038	0.079	0.063	1500
$\Delta rpoC$ :	0.57	0.18	1.6	0.45	4300

FIG. 8B

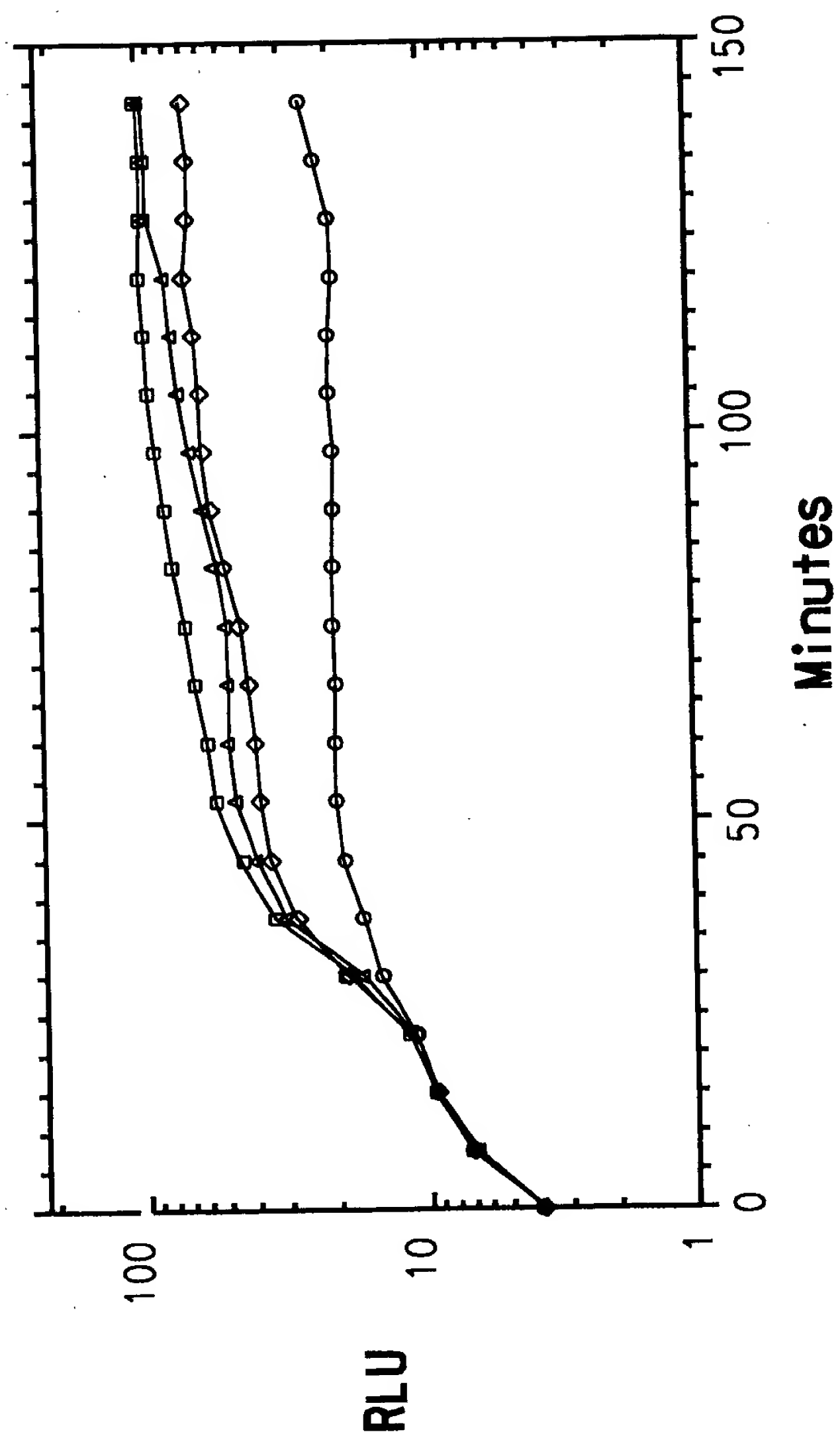
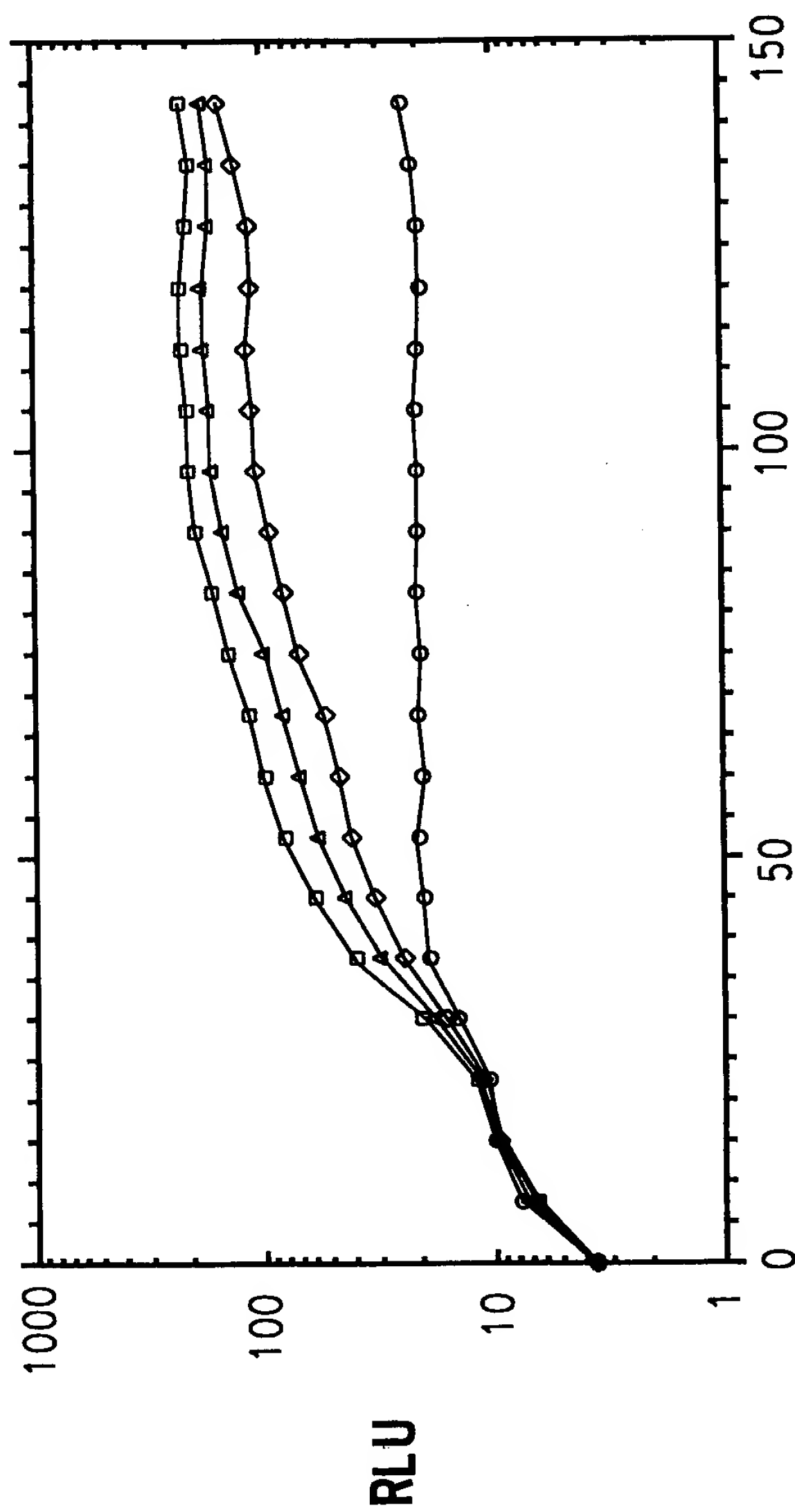


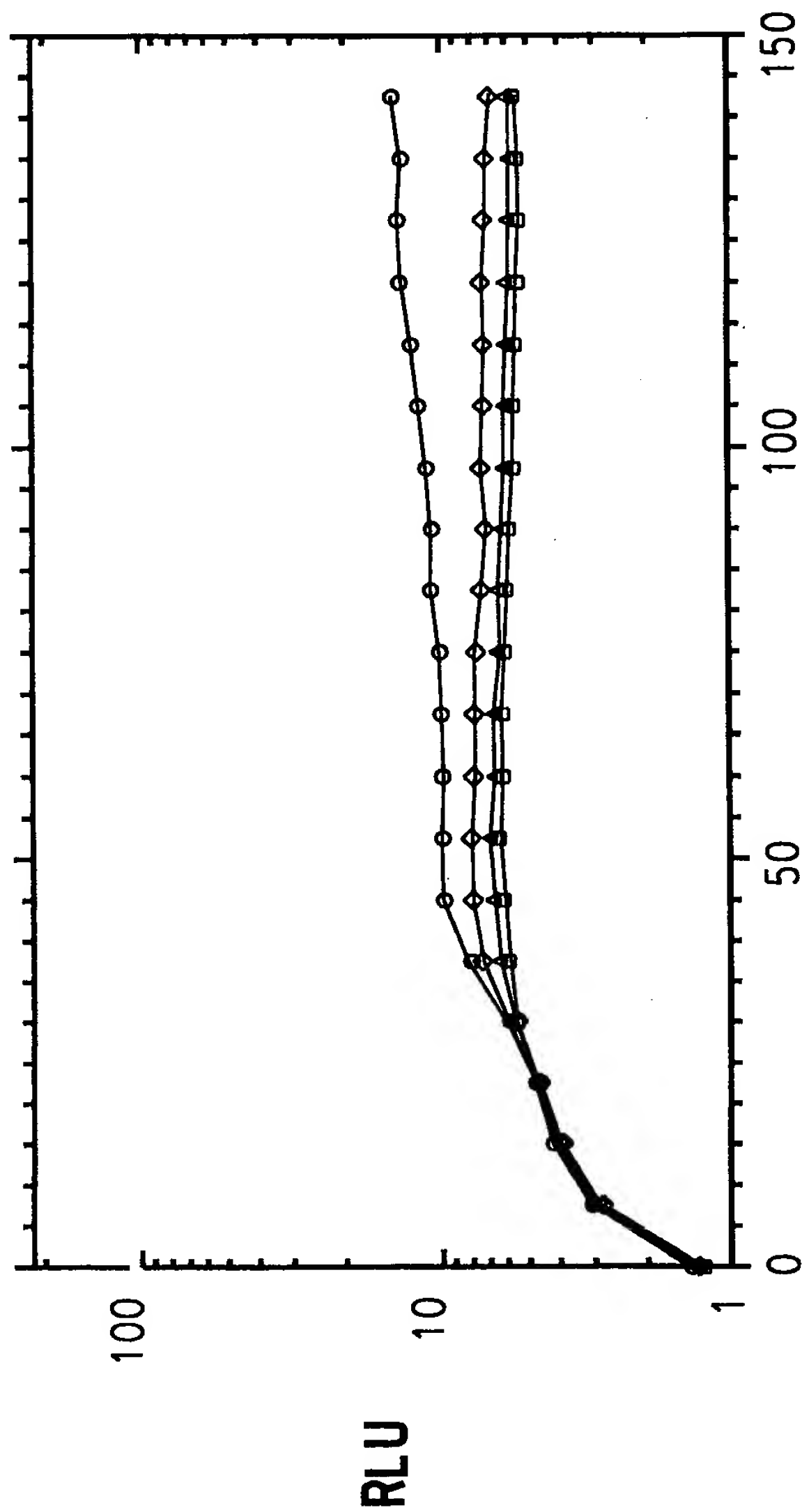
FIG. 9A

- NA 10µg/ml lexA+
- △— NA 5µg/ml lexA+
- ◇— NA 2.5µg/ml lexA+
- No addition lexA+



Minutes  
FIG. 9B

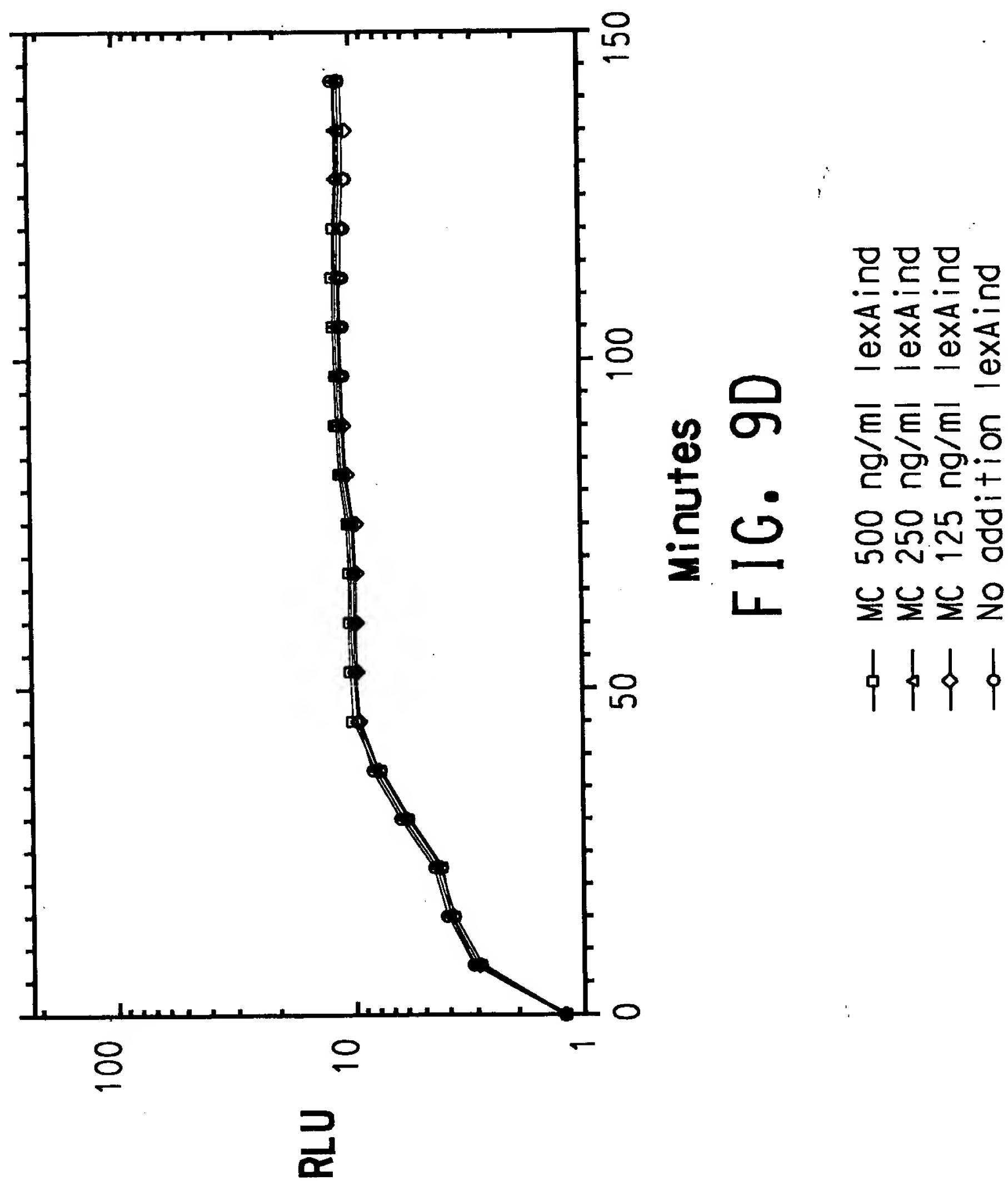


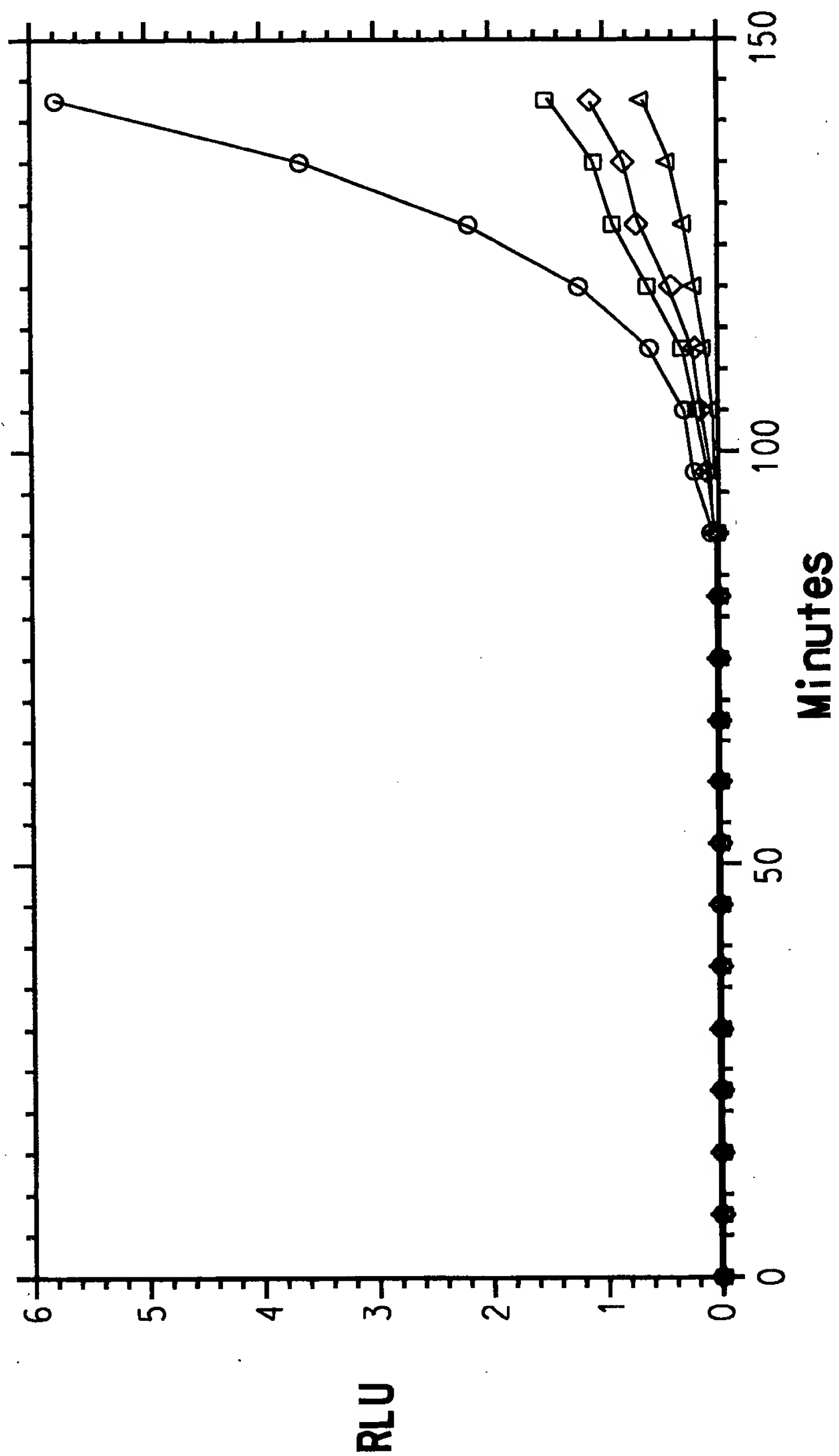


Minutes

FIG. 9C

- NA 10µg/ml lexAind
- NA 5µg/ml lexAind
- ◇— NA 2.5µg/ml lexAind
- No addition lexAind





- 80% saturated limone in LB
- △— 40% saturated limone in LB
- ◇— 20% saturated limone in LB
- LB medium without addition

FIG. 10